



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 370-2007

PROVISION OF TREE PRUNING/REMOVAL SERVICES

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PART B - BIDDING PROCEDURES

B1. PROJECT TITLE

B1.1 PROVISION OF TREE PRUNING/REMOVAL SERVICES

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, May 31, 2007.

B2.2 Bids determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.

B2.3 The Contract Administrator or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3. ENQUIRIES

B3.1 All enquiries shall be directed to the Contract Administrator identified in D4.1.

B3.2 If the Bidder finds errors, discrepancies or omissions in the Bid Opportunity, or is unsure of the meaning or intent of any provision therein, the Bidder shall promptly notify the Contract Administrator of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.

B3.3 If the Bidder is unsure of the meaning or intent of any provision therein, the Bidder should request clarification as to the meaning or intent prior to the Submission Deadline.

B3.4 Responses to enquiries which, in the sole judgment of the Contract Administrator, require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator to all Bidders by issuing an addendum.

B3.5 Responses to enquiries which, in the sole judgment of the Contract Administrator, do not require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator only to the Bidder who made the enquiry.

B3.6 The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B2 unless that response or interpretation is provided by the Contract Administrator in writing.

B4. ADDENDA

B4.1 The Contract Administrator may, at any time prior to the Submission Deadline, issue addenda correcting errors, discrepancies or omissions in the Bid Opportunity, or clarifying the meaning or intent of any provision therein.

B4.2 The Contract Administrator will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.

B4.2.1 Addenda will be available on the Bid Opportunities page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site at <http://www.winnipeg.ca/matmgt>.

B4.2.2 The Bidder is responsible for ensuring that he has received all addenda and is advised to check the Materials Management Branch internet site for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.

B4.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 8 of Form A: Bid. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

B5. SUBSTITUTES

B5.1 The Work is based on the Plant, Materials and methods specified in the Bid Opportunity.

B5.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.

B5.3 Requests for approval of a substitute will not be considered unless received in writing by the Contract Administrator at least five (5) Business Days prior to the Submission Deadline.

B5.4 The Bidder shall ensure that any and all requests for approval of a substitute:

- (a) provide sufficient information and details to enable the Contract Administrator to determine the acceptability of the Plant, Material or method as either an approved equal or alternative;
- (b) identify any and all changes required in the applicable Work, and all changes to any other Work, which would become necessary to accommodate the substitute;
- (c) identify any anticipated cost or time savings that may be associated with the substitute;
- (d) certify that, in the case of a request for approval as an approved equal, the substitute will fully perform the functions called for by the general design, be of equal or superior substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance;
- (e) certify that, in the case of a request for approval as an approved alternative, the substitute will adequately perform the functions called for by the general design, be similar in substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance.

B5.5 The Contract Administrator, after assessing the request for approval of a substitute, may in his sole discretion grant approval for the use of a substitute as an “approved equal” or as an “approved alternative”, or may refuse to grant approval of the substitute.

B5.6 The Contract Administrator will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, only to the Bidder who requested approval of the substitute.

B5.6.1 The Bidder requesting and obtaining the approval of a substitute shall be entirely responsible for disseminating information regarding the approval to any person or persons he wishes to inform.

B5.7 If the Contract Administrator approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.

B5.8 If the Contract Administrator approves a substitute as an “approved alternative”, any Bidder bidding that approved alternative may base his Total Bid Price upon the specified item but may also indicate an alternative price based upon the approved alternative. Such alternatives will be evaluated in accordance with B11.

B5.9 No later claim by the Contractor for an addition to the Total Bid Price because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.

B6. BID SUBMISSION

- B6.1 The Bid Submission consists of the following components:
- (a) Form A: Bid;
 - (b) Form B: Prices;
 - (c) Form L: Detailed Work Plan.
- B6.2 Further to B6.1, the Bidder should include the written correspondence from the Contract Administrator approving a substitute in accordance with B5.
- B6.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely in ink, to constitute a responsive Bid.
- B6.4 Bidders are advised not to include any information/literature except as requested in accordance with B6.1.
- B6.5 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document, including the General Conditions, may result in the Bid being determined to be non-responsive.
- B6.6 The Bid may be submitted by mail, courier or personal delivery, or by facsimile transmission.
- B6.7 If the Bid is submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address, and shall be submitted to:
- The City of Winnipeg
Corporate Finance Department
Materials Management Branch
185 King Street, Main Floor
Winnipeg MB R3B 1J1
- B6.7.1 Samples or other components of the Bid which cannot reasonably be enclosed in the envelope may be packaged separately, but shall be clearly marked with the Bid Opportunity number, the Bidder's name and address, and an indication that the contents are part of the Bidder's Bid Submission.
- B6.8 If the Bid is submitted by facsimile transmission, it shall be submitted to (204) 949-1178.
- B6.8.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.
- B6.9 Bids submitted by internet electronic mail (e-mail) will not be accepted.

B7. BID

- B7.1 The Bidder shall complete Form A: Bid, making all required entries.
- B7.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:
- (a) if the Bidder is a sole proprietor carrying on business in his own name, his name shall be inserted;
 - (b) if the Bidder is a partnership, the full name of the partnership shall be inserted;
 - (c) if the Bidder is a corporation, the full name of the corporation shall be inserted;

- (d) if the Bidder is carrying on business under a name other than his own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.

B7.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.

B7.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

B7.4 Paragraph 10 of Form A: Bid shall be signed in accordance with the following requirements:

- (a) if the Bidder is a sole proprietor carrying on business in his own name, it shall be signed by the Bidder;
- (b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
- (c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers;
- (d) if the Bidder is carrying on business under a name other than his own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.

B7.4.1 The name and official capacity of all individuals signing Form A: Bid shall be printed below such signatures.

B7.4.2 All signatures shall be original.

B7.5 If a Bid is submitted jointly by two or more persons, the word "Bidder" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Bidders in the Bid and the Contract, when awarded, shall be both joint and several.

B8. PRICES

B8.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B8.1.1 Notwithstanding C11.1.1, prices on Form B: Prices shall not include the Goods and Services Tax (GST) or Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable.

B8.2 The quantities listed on Form B: Prices are to be considered approximate only. The City will use said quantities for the purpose of comparing Bids.

B8.3 The quantities for which payment will be made to the Contractor are to be determined by the Work actually performed and completed by the Contractor, to be measured as specified in the applicable Specifications.

B9. FORM L: DETAILED WORK PLAN

B9.1 The Bidder shall state the number of employees per week multiplied by the number of trees to be pruned per employee per week shall constitute the weekly work plan that will be evaluated for compliance of work to be completed for the duration of the Contract.

B10. QUALIFICATION

B10.1 The Bidder shall:

- (a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Bidder does not carry on business in Manitoba, in the jurisdiction where the Bidder does carry on business;
- (b) be responsible and not be suspended, debarred or in default of any obligation to the City;
- (c) be financially capable of carrying out the terms of the Contract;
- (d) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract;
- (e) have successfully carried out work, similar in nature, scope and value to the Work;
- (f) employ only Subcontractors who:
 - (i) are responsible and not suspended, debarred or in default of any obligation to the City (a list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division internet site at <http://www.winnipeg.ca/matmgt>); and
 - (ii) have successfully carried out work similar in nature, scope and value to the portion of the Work proposed to be subcontracted to them, and are fully capable of performing the Work required to be done in accordance with the terms of the Contract;
- (g) have a written workplace safety and health program in accordance with The Workplace Safety and Health Act (Manitoba);

B10.2 Further to B10.1(g), the Bidder shall, within three (3) Business Days of a request by the Contract Administrator, provide proof satisfactory to the Contract Administrator that the Bidder has a workplace safety and health program meeting the requirements of the Workplace Safety and Health Act (Manitoba), by providing:

- (a) a valid COR certification number under the Certificate of Recognition (COR) Program – Option 1 administered by the Manitoba Heavy Construction Association’s Safety, Health and Environment Program: or
- (b) a valid COR certification number under the Certificate of Recognition (COR) Program administered by the Manitoba Construction Safety Association: or
- (c) a report or letter to the effect from an independent reviewer acceptable to the City. (A list of acceptable reviewers and the review template are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division internet site at <http://www.winnipeg.ca/matmgt>).

B10.3 The Bidder shall be prepared to submit, within three (3) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.

B10.4 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B11. OPENING OF BIDS AND RELEASE OF INFORMATION

B11.1 Bid Submissions will not be opened publicly.

B11.2 Following the Submission Deadline, the names of the Bidders and their bid prices (unevaluated, and pending review and verification of conformance with requirements) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of

Winnipeg, Corporate Finance, Materials Management Branch internet site at
<http://www.winnipeg.ca/matmgt>.

- B11.3 After award of Contract, the name(s) of the successful Bidder(s) and the Contract Amount(s) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site at <http://www.winnipeg.ca/matmgt>.
- B11.4 The Bidder is advised that any information contained in any Bid may be released if required by City policy or procedures, The Freedom of Information and Protection of Privacy Act (Manitoba), or by other authorities having jurisdiction.

B12. IRREVOCABLE BID

- B12.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.
- B12.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 9 of Form A: Bid.

B13. WITHDRAWAL OF BIDS

- B13.1 A Bidder may withdraw his Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.
- B13.1.1 Notwithstanding C22.5, the time and date of receipt of any notice withdrawing a Bid shall be the time and date of receipt as determined by the Manager of Materials.
- B13.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Bid or the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid, and only such person, has authority to give notice of withdrawal.
- B13.1.3 If a Bidder gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:
- (a) retain the Bid until after the Submission Deadline has elapsed;
 - (b) open the Bid to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 3 of Form A: Bid; and
 - (c) if the notice has been given by any one of the persons specified in B13.1.3(b), declare the Bid withdrawn.
- B13.2 A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed as provided for in B12.2 shall be liable for such damages as are imposed upon the Bidder by law and subject to such sanctions as the Chief Administrative Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B14. EVALUATION OF BIDS

- B14.1 Award of the Contract shall be based on the following bid evaluation criteria:
- (a) compliance by the Bidder with the requirements of the Bid Opportunity (pass/fail);
 - (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B6.2 (pass/fail);
 - (c) Detailed Work Plan 20%
 - (d) Bid Prices 80%;

(e) economic analysis of any approved alternative pursuant to B5.

B14.2 Further to B14.1(a), the Award Authority may reject a Bid as being non-responsive if the Bid Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements if the interests of the City so require.

B14.3 Further to B14.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his Bid Submission or in other information required to be submitted, that he is responsible and qualified.

B14.4 Further to B14.1(c); the Detailed Work Plan shall be evaluated based on the earliest dates submitted being awarded the highest score.

B14.5 Further to B14.1(d), the Bid Prices shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.

B14.5 This Contract may be awarded as a whole (Alternative 1) or separately in sections (Alternative 2) as identified on Form B: Prices.

B14.5.1 Notwithstanding B8.1, the Bidder may, but is not required to, bid on both alternatives, or on any one or more sections in Alternative 2.

B14.5.2 The City shall not be obligated to award any section to the responsible Bidder submitting the lowest evaluated responsive Bid for that section and shall have the right to choose the alternative which is in its best interests. If the Bidder has not bid on both alternatives or on all sections in Alternative 2, he shall have no claim against the City if his partial Bid is rejected in favour of an award of the Contract on the basis of an alternative or section upon which he has not bid.

B15. AWARD OF CONTRACT

B15.1 The City will give notice of the award of the Contract or will give notice that no award will be made.

B15.2 The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive.

B15.2.1 Without limiting the generality of B15.2, the City will have no obligation to award a Contract where:

- (a) the prices exceed the available City funds for the Work;
- (b) the prices are materially in excess of the prices received for similar work in the past;
- (c) the prices are materially in excess of the City's cost to perform the Work, or a significant portion thereof, with its own forces;
- (d) only one Bid is received; or
- (e) in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.

B15.3 Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Bidder submitting the lowest evaluated responsive Bid.

B15.3.1 Following the award of contract, a Bidder will be provided with information related to the evaluation of his Bid upon written request to the Contract Administrator.

- B15.4 Notwithstanding C4.1, the City will issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.
- B15.5 The Contract Documents, as defined in C1.1(n), in their entirety shall be deemed to be incorporated in and to form a part of the Purchase Order notwithstanding that they are not necessarily attached to or accompany said Purchase Order.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for Supply of Services* (Revision 2007 04 12) are applicable to the Work of the Contract.
- C0.1.1 The *General Conditions for Supply of Services* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site at <http://www.winnipeg.ca/matmgt>.
- C0.2 A reference in the Bid Opportunity to a section, clause or subclause with the prefix “**C**” designates a section, clause or subclause in the *General Conditions for Supply of Services*.

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

D1.1 In addition to the *General Conditions for Supply of Services*, these Supplemental Conditions are applicable to the Work of the Contract.

D2. SCOPE OF WORK

D2.1 The Work to be done under the Contract shall consist of provision of tree pruning/removal services from the date of award to December 28, 2007.

D2.2 The major components of the Work are as follows:

- (a) Pruning/removal of Boulevard Street trees;
- (b) Chipping of material; and
- (c) Proper removal and disposal of excess pruning/removal material.

D2.2.1 The type and quantity of Work to be performed under this Contract shall be as authorized from time to time by the Contract Administrator and/or Users.

D2.2.2 Subject to GC.4.07, the City shall have no obligation under the Contract to purchase any quantity of any item in excess of its actual operational requirements.

D2.3 Notwithstanding D2.1, the type and quantity of Work to be performed under this Contract is subject to annual approval of monies therefore in a budget by Council. Bidders are advised that monies have been approved for work up to and including December 31, 2007.

D2.4 Notwithstanding D2.1, in the event that operational changes result in substantial changes to the requirements for Work, the City reserves the right to alter the type or quantity of work performed under this Contract, or to terminate the Contract, upon thirty (30) Calendar Days written notice by the Contract Administrator. In such an event, no claim may be made for damages on the ground of loss of anticipated profit on Work.

D3. DEFINITIONS

D3.1 When used in this Bid Opportunity:

- (a) "**Business Day**" means any Calendar Day, other than a Saturday, Sunday, or a Statutory or Civic Holiday;
- (b) "**Submission Deadline**" and "**Time and Date Set for the Final Receipt of Bids**" mean the time and date set out in the Bidding Procedures for final receipt of Bids;
- (c) "**User**" means a person, department or other administrative unit of the City authorized by the Contract Administrator to order Work under this Contract;

D3.2 Notwithstanding GC.1.01, when used in this Bid Opportunity:

- (a) "**Plant**" means mean's any things brought to or constructed upon the Site by the Contractor for the performance of the Work, including goods, tools equipment, consumable supplies, fuel, power and utility connections therefore, but does not include material;
- (b) "**Boulevard**" means the area between the street line and the nearest edge of a roadway and/or the area separating the roadways of a divided highway, and includes grassed areas in parks, interchange areas and private property bordering a street line;

D4. CONTRACT ADMINISTRATOR

D4.1 The Contract Administrator is:

Gerry Kuta
Technician II
Public Works
401 Pandora Avenue
Winnipeg, Manitoba R2C 1M7
Telephone No. (204) 986-2008
Facsimile No. (204) 222-2839

D4.2 At the pre-commencement meeting, the Contract Administrator will identify additional personnel representing the Contract Administrator and their respective roles and responsibilities for the Work.

D5. CONTRACTOR'S SUPERVISOR

D5.1 Further to C6.19, the Contractor shall employ and keep on the Work, at all times during the performance of the Work, a competent supervisor and assistants, if necessary, acceptable to the Contract Administrator. The supervisor shall represent the Contractor on the Site. The supervisor shall not be replaced without the prior consent of the Contract Administrator unless the supervisor proves to be unsatisfactory to the Contractor and ceases to be in his employ.

D5.2 Before commencement of Work, the Contractor shall identify his designated supervisor and any additional personnel representing the Contractor and their respective roles and responsibilities for the Work.

D5.2.1 Further to C5.5 Contract Administrator may give instructions or orders to the Contractor's supervisor and such instructions or orders shall be deemed to have been given to the Contractor.

SUBMISSIONS

D6. AUTHORITY TO CARRY ON BUSINESS

D6.1 The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

D7. SAFE WORK PLAN

D7.1 The Contractor shall provide the Contract Administrator with a Safe Work Plan at least five (5) Business Days prior to the commencement of any Work on the Site.

D8. WORKERS COMPENSATION

D8.1 The Contractor shall be registered with the Workers Compensation Board of Manitoba, shall provide and maintain Workers Compensation coverage throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

D9. INSURANCE

- D9.1 The Contractor shall provide and maintain the following insurance coverage:
- (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) all inclusive, with The City of Winnipeg being added as an additional insured, with a cross-liability clause, such liability policy to also contain a contractual liability, an unlicensed motor vehicle liability and a products and completed operations endorsement to remain in place at all times during the performance of the Work and throughout the warranty period;
 - (b) automobile liability insurance for owned and non-owned automobiles used for or in connection with the Work in the amount of at least two million dollars (\$2,000,000.00) at all times during the performance of the Work and until the date of Total Performance.
- D9.2 Deductibles shall be borne by the Contractor.
- D9.3 The Contractor shall provide the Contract Administrator with a certificate of insurance of each policy at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than seven (7) Calendar Days from notification of the award of Contract.
- D9.4 The Contractor shall not cancel, materially alter, or cause each policy to lapse without providing at least fifteen (15) Calendar Days prior written notice to the Contract Administrator.

D10. EQUIPMENT LIST

- D10.1 The Contractor shall have available, in good working condition for the duration of the Contract (to be confirmed by inspection if warranted) the necessary equipment to accomplish the Work.

D11. DAMAGE TO EXISTING STRUCTURES AND PROPERTY

- D11.1 Further to GC.6.01, special care shall be taken to avoid damage to existing adjacent structures or properties during the course of the Work.
- D11.2 Any damage caused by the negligence of the Contractor or his Sub-Contractors to the adjacent works or properties, shall be promptly repaired by his at his own expense, to the satisfaction of the Contract Administrator.

D12. ACCESS TO "CITY" PROPERTY

- D12.1 Further to GC:6.1, in the event that a pruning location is inaccessible due to parked vehicles, the Contractor shall first make an attempt to locate the owners and have him/her move the vehicle(s) or resume the pruning service in the next accessible location. Once the said location becomes accessible, the Contractor shall return, to complete the original pruning requirements.
- D12.2 All costs related to returning and pruning trees in a location that was initially inaccessible shall be borne by the Contractor.

CONTROL OF WORK

D13. PRIME CONTRACTOR

- D13.1 Further to GC:5.02, the Contractor shall be the Prime Contractor and shall serve as, and have the duties of the Prime Contractor in accordance with the Workplace Safety and Health Act (Manitoba).

CONTROL OF WORK

D14. COMMENCEMENT

- D14.1 The Contractor shall not commence any Work until he is in receipt of a purchase order authorizing the commencement of the Work.
- D14.2 The Contractor shall not commence any Work on the Site until:
- (a) the Contract Administrator has confirmed receipt and approval of:
 - (i) evidence that the Contractor is in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba;
 - (ii) evidence of the workers compensation coverage specified in D8;
 - (iii) evidence of the insurance specified in D9.
 - (b) the Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

D15. ORDERS

- D15.1 The Contractor shall provide a local Winnipeg telephone number or a toll-free telephone number at which orders for service may be placed.
- D15.2 The Contractor shall make provisions to receive orders, by any of the means identified in D15.1 above at all times between 8:30 a.m. and 4:30 p.m., on Business Days.
- D15.3 The Contractor shall make provisions for a live representative to be available to be contacted directly from 8:00 a.m. to 4:30 p.m. in the case that special situations, concerns and/or emergencies arise. Pagers, answering machines and other delayed response methods are not acceptable.
- D15.4 The Contractor shall contact the Contract Administrator before 8:00 a.m. each working day detailing the locations of their pruning/removal crews that will be working on City sites.

D16. RECORDS

- D16.1 The Contractor shall keep detailed records of the services supplied under the Contract.
- D16.2 The Contractor shall record, as a minimum, for each item listed on Form B: Prices:
- (a) User name(s) and addresses;
 - (b) order date(s);
 - (c) service date(s); and
 - (d) description and quantity of services provided.
- D16.3 The Contractor shall provide the Contract Administrator with a copy of the records for each quarter year within fifteen (15) Calendar Days of the end of that quarter.
- D16.4 Further to G.C.5.04(1), the City will impose a re-inspection fee of fifty dollars (\$50.00) per tree pruning or removal inspection(s) for each additional inspection required to ensure compliance with the specifications for final acceptance of services received. Payment of invoices will be pending the outcome of any inspections that occur. This fee is in addition to the fixed sum for deficiencies for Work within this Contract.

- (a) Inspections may include the following:
 - (i) Inspect progress of Work to be completed;
 - (ii) Inspect for final acceptance of services received based on invoice;
 - (iii) Inspect for completion of deficiencies at Work Site, if any;
 - (iv) Inspect for final acceptance of services based on invoices received by Contractor. If services still are in a deficient state then the inspection fee will be charged each time after each inspection is made until Work is determined to be acceptable.

MEASUREMENT AND PAYMENT

D17. PAYMENT

- D17.1 Further to C11, effective January 1, 2007 the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

D18. PAYMENT SCHEDULE

- D18.1 Further to C11, payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Contractor's invoice.

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E2. SITE LOCATIONS

E2.1 The Contractor is advised that the Work Site location's, may not identify the exact area requiring Pruning Services. The Contractor shall be advised of the exact Work Site locations in the required sequence from the Contract Administrator. All Work on the Site shall be completed prior to the commencement of any further Work being given. Removal services, if required, will occur within the pruning areas as trees that are identified in poor, dead or dangerous condition as determined by the Contract Administrator or designate.

E3. LOCATION AND SCHEDULE OF WORK

E3.1 All Work under this contract shall be assigned by supplying the Contractor with a list of Work Site locations that are arranged on a priority basis. The Contractor must begin with the first listing and follow it through to the last listing unless the Contract Administrator approves other arrangements.

E3.2 Further to E9 this listing is of intended Work locations per section. It is provided for the convenience of the Bidder only. The City reserves the right to add or delete locations, within the boundaries of the City, or alter the type and/or quantity of Work performed at any location as required by changes in its operations during the term of the Contract.

E3.3 The Contractor's operations shall be limited to the minimum encroachment on private properties necessary for undertaking the Work and he shall be responsible for all damage resulting from his Work on or over private property. The Contractor shall take such measures as are necessary to ensure safe and convenient pedestrian ingress and egress are maintained to residences.

E3.4 The Contractor shall promptly report any delay or change to an agreed commencement and completion date to the Contract Administrator.

E3.5 The Contractor shall not begin Work under this Contract prior to a pre-construction meeting being scheduled and held between representatives of the Contractor and the Contract Administrator.

E3.6 This meeting will be scheduled with the Contractor after the award of Contract.

E4. AFTER HOURS WORK

E4.1 Further to Clause GC.7.01 of the General Conditions, the Contractor shall obtain written permission from the Contract Administrator for any Work to be performed outside regular working hours including any Sunday or Statutory Holiday. Regardless of the Contract Administrator's approval, any such Work done by the Contractor between these hours shall conform to all applicable Laws, By-Laws and Ordinances.

E5. PUBLIC SAFETY/TRAFFIC CONTROL

E5.1 In accordance with the Manual of Temporary Traffic Control, the Contractor ("Agency" in the manual) shall make arrangements with the Traffic Services Section of the City of Winnipeg to place all temporary regulatory signs. The Contractor shall bear all costs associated with the placement of temporary traffic control devices by the Traffic Services Section of the City of Winnipeg in connection with the works undertaken by the Contractor. The requirements shall include the following:

- (a) The Contractor shall barricade the sidewalk surrounding the Work;
- (b) The Contractor shall provide a ground crew person at all times when aerial lift or climbers are involved in the tree maintenance operation. This person must be within 10m of the aerial lift device or of the tree containing climbers and must not be operating the chipper while overhead operations are occurring. This person is to ensure pedestrian and vehicular safety in the area where overhead maintenance is occurring.

E6. PRUNING OF TREES

E6.1 The Contractor shall Prune Boulevard Street Trees in accordance with the requirements hereinafter specified.

E6.2 Trees are to be pruned in accordance with the "ANSI A300 (Part 1)-2001 Pruning standards entitled, "Tree Care Operations – Tree, Shrub and Other Woody Plant Maintenance - Standard Practices (Pruning)" (revision and re-designation of ANSI A300-1995) (includes supplements) or most recent versions as available.

- (a) Trees are also to be pruned according to "Best Management Practices: Tree Pruning" (2002), which is a companion publication to the ANSI A300. For this Contract, the primary pruning objectives as stated in these publications shall include the following:
 - (i) Structural;
 - (ii) Cleaning;
 - (iii) Thinning;
 - (iv) Raising;
 - (v) And restoration.

E6.3 In addition to the requirements noted in E6.2, the following specific "light to moderate pruning" requirements shall be applicable to the Work.

- (a) Where applicable, lift the crown of trees to obtain a 4.3 metre (14 ft.) clearance over road surfaces and a minimum 3.0 meter (10 ft.) clearance over sidewalks while maintaining crown balance. Clearance on small trees may be obtained by crown narrowing/branch reduction;
- (b) Narrow the tree crown as required so as to minimize the overhang onto or toward private properties/roadways and favour branches growing upright as opposed to those growing horizontally;
- (c) Selectively remove all dead, rubbing or broken branches;
 - (i) Cuts that would product a wound greater than 30 cm (6 inches) in diameter shall be approved by the Contract Administrator or designate before Work is initiated.
- (d) Remove suckers to 4.3 metres (14 ft.), but leave upper crown (above 4.3 metres (14 ft.)) suckers unless they are dead, broken or rubbing against other branches;
- (e) Remove all branches:
 - (i) overhanging onto buildings to minimum clearance standards determined by the Contract Administrator while still maintaining crown balance;
 - (ii) within 2 metres of all structures;

- (iii) clear of traffic signs, traffic lights and street lights.
 - (f) Inform the Contract Administrator or designate, of any trees that are in poor, dead or hazardous condition, or in need of cabling and/or bracing.
- E6.4 The Contractor shall provide to the satisfaction of the Contract Administrator or designate valid Manitoba Arborist Licenses for all employees pruning trees during the course of the Contract.
- E6.5 The Contractor shall prune trees in a manner satisfactory to the Contract Administrator or his designate.
- E6.6 All waste material (i.e.: branches, logs from the pruning operations) shall be removed from the Work Site by the end of each Working Day. The Contractor shall maintain the Sites of the Work in tidy condition and free from the accumulation of waste and debris. This shall include, but not be limited to, raking of all grassed/snow covered areas and sweeping of all hard surfaced areas. Total Performance of the Work shall not be attained until the Contractor has cleaned up the Sites and has removed all plant, tools, equipment, waste and debris.
 - (a) All material that is to be chipped shall be chipped, removed and delivered from the Work Site daily to a location to be determined by the Contract Administrator or his designate.
 - (b) The Contractor shall dispose, at the Contractor's expense, all elm wood logs and non-chipable material daily to the City of Winnipeg Brady Road Landfill Site. Alternative disposal locations must be applied for in writing and approved by the Contract Administrator and/or Province of Manitoba.
 - (c) To verify proper disposal of materials identified by the Contract Administrator for disposal to approved landfill sites, the Contractor shall provide the Contract Administrator with a copy of all weigh bills received
- E6.7 The Contractor shall sterilize all pruning equipment between each tree with methyl alcohol which must be sprayed onto the pruning equipment until dripping.
- E6.8 The Contractor shall comply with all Federal and Provincial laws and regulations and all City of Winnipeg by-laws. This shall include, but not be limited to, all aspects of the Manitoba Workplace Health and Safety Act and laws/by-laws affecting streets, safety, hours of work, noise, street blockage, correct use of signage and line clearance regulations of Manitoba Hydro and Manitoba Telephone System.
- E6.9 The Contractor shall be aware of all locations in the Work area where overhead utility lines may be a factor in the required tree pruning Work.
- E6.10 The Contractor shall be responsible for special arrangements with respective utilities necessary to properly complete the tree pruning Work.
- E6.11 The Contractor shall be responsible for the constant supervision of the utility while the utility is on Site to advise which portions of the tree should be removed so as to ensure proper tree pruning Work to meet contract specifications.
- E6.12 The Contractor shall be responsible to make call back arrangements with the utilities should deficiencies exist.
- E6.13 The Contractor shall be responsible for any additional costs associated with tree pruning Work around utility lines and any such costs must be reflected in the overall bid.
- E6.14 The Contractor shall make utility tree pruning arrangements in a timely fashion so as to maintain stated scheduling and contract completion requirements.
- E6.15 The Contractor shall advise the Contract Administrator of all locations in the Work area where lights are attached to trees, and may be a factor in the required tree pruning Work.

E6.16 The Contract Administrator shall be responsible for special arrangements with respective light owners/ businesses to remove or have removed, at the owner's expense, any and all lights/structures necessary to properly complete the tree pruning Work.

E7. REMOVAL OF TREES

E7.1 The Contractor shall remove designated trees on an "as required" basis in accordance with the requirements hereinafter specified.

E7.2 The Contractor shall not complete a tree removal unless they receive written authorization from the Contract Administrator.

E7.3 The Contractor shall provide to the satisfaction of the Contract Administrator (or designate) valid Manitoba Arborist Licenses for all employees removing trees during the course of the contract.

E7.4 The Contractor shall remove trees in a manner satisfactory to the Contract Administrator or designate and agrees that the Work may be inspected by City personnel.

E7.5 Removal of trees shall be complete to ground level regardless of existing ground cover (e.g. snow, other plant material, etc.) or other conditions except where prior approval is given by the Contract Administrator or designate.

E7.6 Once the removal process is initiated it shall be completed that same Working Day. The Contractor shall remove and/or dispose of all material resulting from the Work immediately by one, or more, of the following methods:

- (a) remove to a designated City of Winnipeg Landfill Site;
- (b) chip and remove material to an appropriate location as per the Contract Administrator or designate direction;
- (c) The costs of all of the above operations are to be born solely by the Contractor.

E7.7 The Contractor shall repair any damage resulting from the Work listed in E7.6, E7.6(a) and E7.6(b) inclusive, but not limited to, damage to turf, other trees, gardens, walkways, fences, etc. and shall report all damage immediately to the owner and the Contract Administrator or designate.

E7.8 The Contractor shall comply with all Federal and Provincial laws and regulations and all City of Winnipeg by-laws. This shall include, but not be limited to, all aspects of the Manitoba Workplace Health and Safety Act and laws/by-laws affecting streets, safety, hours of work, noise, street blockage, correct use of signage and line clearance regulations of Manitoba Hydro and Manitoba Telephone System.

E7.9 The Work to be performed will be determined on a per class basis in the following diameter classes measured in centimetres:

Class 1	1 to 30 (+) cm
Class 2	greater than 30 to 50 cm
Class 3	greater than 50 to 70 cm
Class 4	greater than 71 cm

E7.10 Measurement for payment shall be based on the Diameter at Breast Height (D.B.H.) (measured at 135 cm above ground level) or above on trees with single trunks. On trees with double or multiple trunks the following rules shall apply:

- (a) where a single diameter measurement is possible above ground the measurement will be made at a point just below the junction of the trunks where the total tree diameter is not influenced by the junction or the basal flare;

- (b) where a single diameter measurement above is not possible then the total tree diameter will be based upon the D.B.H. (measured at 135 cm above ground level) of the largest trunk plus ½ the D.B.H. of each of subsequent trunks;
- (c) situations regarding the measurement of any tree not falling into one of the above categories must be referred to the Contract Administrator or designate immediately for a decision prior to removal.

E8. ASSEMENT OF COMPLETED TREE STATUS

- E8.1 All work shall be completed by December 28, 2007, no extension shall be granted.
- (a) An assessment will be administered to all Contractors at approximately the mid point of the Contract (September 15, 2007).
 - (b) The amount of completed trees at this mid point shall be one half (1/2) of the awarded amount per section (+/-5%). Failure to meet this requirement will result in termination of the remainder of the Contract.

E9. TREE LOCATIONS

E9.1 Section A “Jefferson” Neighbourhood Area

STREET NAME	From	To	Elm	Other	TTL
Aikins	Carruthers	McAdam	13	13	0
Aikins	McAdam	Smithfield	3	5	2
Aikins	Smithfield	Rupertsland	6	10	4
Aikins	Rupertsland	Enniskillen	6	8	2
Aikins	Enniskillen	Seven Oaks	4	13	9
Aikins	Seven Oaks	Jefferson	3	6	3
Aikins	Jefferson	St. Anthony	5	5	0
Aikins	St. Anthony	Perth	3	7	4
Aikins	Perth	Hartford	1	3	2
Aikins	Hartford	Belmont	1	1	0
Aikins	Belmont	Kilbride	3	4	1
Aikins	Kilbride	Semple	4	7	3
Aikins	Semple	Burrin	4	9	5
Aikins	Burrin	Kingsbury	1	6	5
Aikins	Kingsbury	Royal	4	4	0
Aikins	Royal	Forrest	2	2	0
Aikins	Forrest	Backlane	0	4	4
Aikins	Partridge	Leila	2	6	4
Andrews	Jefferson	St. Anthony	2	7	5
Andrews	St. Anthony	Perth	3	9	6
Andrews	Perth	Hartford	2	11	9
Andrews	Hartford	Belmont	2	9	7
Andrews	Belmont	Kilbride	2	8	6
Andrews	Kilbride	Semple	4	4	0
Andrews	Semple	Burrin	4	4	0
Andrews	Burrin	Kingsbury	1	1	0
Andrews	Kingsbury	Royal	2	2	0
Andrews	Royal	Forrest	1	2	1
Andrews	Forrest	Partridge	4	4	0
Belmont	Main	Aikins	9	13	4
Belmont	Aikins	Salter	12	17	5
Belmont	Salter	Powers	6	7	1
Belmont	Powers	Andrews	10	12	2
Belmont	Andrews	McGregor	9	15	6
Belmont	McGregor	McKenzie	13	19	6

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Belmont	McKenzie	Backlane	5	9	4
Burrin	Main	Aikins	18	26	8
Burrin	Aikins	Salter	25	26	1
Burrin	Salter	Powers	27	29	2
Burrin	Powers	Andrews	23	25	2
Burrin	Andrews	McGregor	18	24	6
Burrin	McGregor	McKenzie	22	24	2
Carruthers	Main	Aikins	1	9	8
Copp	Carruthers	Matheson	1	2	1
Copp	Matheson	McAdam	8	8	0
Copp	McAdam	Backlane	4	4	0
Enniskillen	Main	Aikens	14	14	0
Enniskillen	Aikens	Salter	23	27	4
Enniskillen	Salter	Powers	23	28	5
Enniskillen	Powers	McGregor	46	53	7
Enniskillen	McGregor	Parr	49	54	5
Enniskillen	Parr	Arlington	9	12	3
Forrest	Main	Aikins	0	2	2
Forrest	Andrews	McGregor	9	24	15
Hartford	Main	Aikins	3	32	29
Hartford	Aikins	Salter	2	23	21
Hartford	Salter	Powers	2	27	25
Hartford	Powers	Andrews	7	28	21
Hartford	Andrews	McGregor	0	29	29
Hartford	McGregor	McKenzie	20	25	5
Hartford	McKenzie	Parr	17	20	3
Jefferson	Main	Aikins	2	18	16
Jefferson	Aikins	Salter	2	27	25
Jefferson	Salter	Powers	9	34	25
Jefferson	Powers	McGregor	16	63	47
Jefferson	McGregor	Parr	8	59	51
Jefferson	Parr	Railroad tracks	3	6	3
Kilbride	Main	Aikins	9	12	3
Kilbride	Aikins	Salter	8	15	7
Kilbride	Salter	Powers	8	14	6
Kilbride	Powers	Andrews	7	12	5
Kilbride	Andrews	McGregor	8	12	4
Kilbride	McGregor	McKenzie	10	23	13
Kingsbury	Main	Aikins	12	13	1
Kingsbury	Salter	Powers	0	2	2
Matheson	Aikins	Salter	19	22	3
Matheson	Salter	Powers	20	25	5
Matheson	Powers	Copp	20	21	1
Matheson	Copp	McGregor	13	18	5
Matheson	McGregor	Parr	30	40	10
Matheson	Parr	Arlington	21	30	9
Matheson	Arlington	Tracks	3	8	5
McAdam	Main	Aikins	23	26	3
McAdam	Aikins	Salter	8	24	16
McAdam	Salter	Powers	19	22	3
McAdam	Powers	Copp	26	34	8
McAdam	Copp	McGregor	18	26	8
McAdam	McGregor	Parr	41	62	21
McAdam	Parr	Arlington	24	28	4
McGregor	Smithfield	Rupertsland	2	2	0
McGregor	Jefferson	St. Anthony	2	7	5
McGregor	St. Anthony	Perth	2	12	10

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McGregor	Perth	Hartford	3	7	4
McGregor	Hartford	Belmont	0	4	4
McGregor	Belmont	Kilbride	0	6	6
McGregor	Kilbride	Semple	0	7	7
McGregor	Semple	Burrin	2	11	9
McGregor	Burrin	Kingsbury	0	2	2
McGregor	Kingsbury	Royal	0	4	4
McGregor	Royal	Forrest	0	10	10
McGregor	Forrest	Partridge	0	1	1
McKenzie	Jefferson	St. Anthony	2	4	2
McKenzie	St. Anthony	Perth	4	5	1
McKenzie	Perth	Hartford	2	5	3
McKenzie	Hartford	Belmont	4	5	1
McKenzie	Belmont	Kilbride	6	6	0
McKenzie	Kilbride	Semple	3	4	1
McKenzie	Semple	Burrin	2	2	0
McKenzie	Burrin	Kingsbury	2	2	0
Parr	Carruthers	Matheson	4	8	4
Parr	Matheson	McAdam	1	4	3
Parr	McAdam	Smithfield	3	4	1
Parr	Smithfield	Rupertsland	3	3	0
Parr	Rupertsland	Enniskillen	1	8	7
Parr	Enniskillen	Seven Oaks	2	4	2
Parr	Seven Oaks	Jefferson	4	4	0
Parr	Jefferson	St. Anthony	2	6	4
Parr	St. Anthony	Perth	5	9	4
Parr	Perth	Hartford	5	9	4
Partridge	McGregor	Andrews	0	9	9
Partridge	Railroad	McGregor	6	18	12
Partridge	Andrews	Powers	2	23	21
Partridge	Powers	Salters	0	14	14
Partridge	Salter	Aikins	0	20	20
Partridge	Aikins	Main	0	12	12
Perth	Main	Aikins	21	22	1
Perth	Aikins	Salter	24	33	9
Perth	Salter	Powers	19	22	3
Perth	Powers	Andrews	27	27	0
Perth	Andrews	McGregor	23	30	7
Perth	McGregor	McKenzie	23	28	5
Perth	McKenzie	Parr	22	25	3
Powers	Carruthers	Matheson	4	4	0
Powers	Matheson	McAdam	8	8	0
Powers	McAdam	Smithfield	5	7	2
Powers	Smithfield	Rupertsland	6	6	0
Powers	Rupertsland	Enniskillen	3	4	1
Powers	Enniskillen	Seven Oaks	2	6	4
Powers	Jefferson	Perth	8	10	2
Powers	Perth	Hartford	5	7	2
Powers	Hartford	Belmont	4	5	1
Powers	Belmont	Kilbride	4	4	0
Powers	Kilbride	Semple	3	5	2
Powers	Semple	Burrin	4	9	5
Powers	Burrin	Kingsbury	3	5	2
Powers	Kingsbury	Royal	4	6	2
Powers	Royal	Partridge	4	15	11
Powers	Partridge	Leila	4	4	0
Powers	Seven Oaks	Jefferson	5	5	0

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Royal	Salter	Powers	5	5	0
Royal	Powers	Andrews	13	20	7
Royal	Andrews	McGregor	21	25	4
Royal Crescent	McGregor	McGregor	0	24	24
Rupertsland	Main	Aikins	29	30	1
Rupertsland	Aikins	Salter	24	29	5
Rupertsland	Salter	Powers	21	30	9
Rupertsland	Powers	McGregor	50	67	17
Rupertsland	McGregor	Parr	49	66	17
Rupertsland	Parr	Arlington	11	16	5
Salter	Carruthers	Matheson	1	2	1
Salter	McAdam	Smithfield	3	3	0
Salter	Smithfield	Rupertsland	5	5	0
Salter	Rupertsland	Enniskillen	4	5	1
Salter	Enniskillen	Seven Oaks	2	6	4
Salter	Seven Oaks	Jefferson	5	5	0
Salter	Jefferson	St. Anthony	6	8	2
Salter	St. Anthony	Perth	1	1	0
Salter	Perth	Hartford	5	5	0
Salter	Hartford	Belmont	6	10	4
Salter	Belmont	Kilbride	9	9	0
Salter	Kilbride	Semple	8	8	0
Salter	Semple	Burrin	1	1	0
Salter	Burrin	Kingsbury	2	2	0
Salter	Kingsbury	Royal	4	4	0
Salter	Royal	Forrest	3	4	1
Salter	Forrest	Partridge	3	4	1
Salter	Partridge	Leila	3	3	0
Semple	Main	Aikins	10	26	16
Semple	Aikens	Salter	10	25	15
Semple	Salter	Powers	15	24	9
Semple	Powers	Andrews	22	28	6
Semple	Andrews	McGregor	15	27	12
Semple	McGregor	McKenzie	18	35	17
Semple	McKenzie	Railroad tracks	2	7	5
Seven Oaks	Aikins	Salter	28	32	4
Seven Oaks	Salter	Powers	12	20	8
Seven Oaks	Powers	McGregor	6	57	51
Seven Oaks	McGregor	Parr	47	53	6
Seven Oaks	Parr	Backlane	5	7	2
Smithfield	Main	Aikins	4	39	35
Smithfield	Aikins	Salter	4	31	27
Smithfield	Salter	Powers	11	25	14
Smithfield	Powers	McGregor	42	58	16
Smithfield	McGregor	Parr	28	63	35
Smithfield	Parr	Arlington	8	22	14
St. Anthony	Main	Aikins	19	31	12
St. Anthony	Aikins	Salter	20	29	9
St. Anthony	Andrews	McGregor	23	27	4
St. Anthony	McGregor	McKenzie	24	26	2
St. Anthony	McKenzie	Parr	27	30	3
			<i>Total</i>	1297	

E9.2 Section B "North St. Boniface" Neighbourhood Area

STREET NAME	From	To	Elm	Other	TTL
HEBERT ST.	ST JOSEPH ST.	TACHE AVE.	3	5	8
GRANDIN ST.	ST JOSEPH ST.	TACHE AVE.	0	12	12
AUBERT ST.	TACHE AVE.	ST JOSEPH ST.	0	6	6
AUBERT ST.	ST JOSEPH ST.	LANGEVIN ST.	0	37	37
AUBERT ST.	LANGEVIN ST.	CERCLE MOLIERE	0	12	12
THIBAULT	AUBERT	LA VERENDRYE ST.	0	8	8
THIBAULT	LA VERENDRYE ST.	PROVENCHER BLVD.	0	7	7
LA VERENDRYE	THIBAULT	ST JEAN BAPTISTE	11	4	15
LA VERENDRYE	ST JEAN BAPTISTE	LANGEVIN ST.	16	15	31
LA VERENDRYE	LANGEVIN ST.	ST JOSEPH ST.	4	19	23
LA VERENDRYE	ST JOSEPH ST.	TACHE AVE.	5	13	18
NOTRE DAME	TACHE AVE.	ST JOSEPH ST.	14	18	32
NOTRE DAME	ST JOSEPH ST.	LANGEVIN ST.	21	16	37
NOTRE DAME	LANGEVIN ST.	ST JEAN BAPTISTE	24	11	35
NOTRE DAME	ST JEAN BAPTISTE	THIBAULT	17	8	25
DUMOULIN	THIBAULT	ST JEAN BAPTISTE	14	18	32
DUMOULIN	ST JEAN BAPTISTE	LANGEVIN ST.	18	20	38
DUMOULIN	LANGEVIN ST.	ST JOSEPH ST.	11	25	36
DUMOULIN	ST JOSEPH ST.	TACHE AVE.	7	12	19
ST JOSEPH	DARVEAU	GRANDIN	0	8	8
ST JOSEPH	GRANDIN	AUBERT	0	17	17
ST JOSEPH	AUBERT	LA VERENDRYE ST.	2	2	4
ST JOSEPH	LA VERENDRYE ST.	NOTRE DAME	3	0	3
ST JOSEPH	NOTRE DAME	DUMOULIN	1	2	3
ST JOSEPH	DUMOULIN	PROVENCHER BLVD.	2	3	5
TACHE	PROVENCHER	DUMOULIN	0	3	3
TACHE	DUMOULIN	NOTRE DAME	0	0	0
TACHE	NOTRE DAME	LA VERENDRYE ST.	5	0	5
TACHE	LA VERENDRYE ST.	AUBERT	0	2	2
TACHE	HEBERT	MESSAGER	1	0	1
PROMENADE DES INTREPIDES PROVENCHER BLVD (CENTER)	AUBERT	AUBERT		43	43
GABRIELLE ROY PLACE	ARCHIBALD	TACHE AVE.	55	37	92
CERCLE MOLIERE	AUBERT	AUBERT	0	10	10
LANGEVIN	AUBERT	AUBERT	0	6	6
LANGEVIN	AUBERT	LA VERENDRYE ST.	4	4	8
LANGEVIN	LA VERENDRYE ST.	NOTRE DAME	1	5	6
LANGEVIN	NOTRE DAME	DUMOULIN	3	4	7
LANGEVIN	DUMOULIN	PROVENCHER BLVD.	3	4	7
ST JEAN BAPTISTE	PROVENCHER	DUMOULIN	1	8	9
ST JEAN BAPTISTE	DUMOULIN	NOTRE DAME	0	11	11
ST JEAN BAPTISTE	NOTRE DAME	LA VERENDRYE ST.	0	7	7
PROVENCHER BLVD (NORTH)	ARCHIBALD	LA FLECHE	3	2	5
PROVENCHER BLVD (NORTH)	LANGEVIN ST.	ST JOSEPH ST.	1	5	6
PROVENCHER BLVD (NORTH)	ST JOSEPH ST.	TACHE AVE.	4	3	7
LA VERENDRYE	ARCHIBALD	LA FLECHE	8	1	9
NOTRE DAME	MAISONNEUVE	NADEAU	0	28	28
NOTRE DAME	NADEAU	LA FLECHE	5	19	24
NOTRE DAME	LA FLECHE	ARCHIBALD	0	18	18
DUMOULIN	ARCHIBALD	LA FLECHE	0	14	14
DUMOULIN	LAFLECHE	NADEAU	0	11	11
DUMOULIN	NADEAU	MAISONNEUVE	0	13	13
MAISONNEUVE	DUMOULIN	NOTRE DAME	0	14	14
NADEAU	PROVENCHER	DUMOULIN	4	0	4
NADEAU	DUMOULIN	NOTRE DAME	6	3	9

LA FLECHE	LAVRENDRYE	NOTRE DAME	0	7	7
LA FLECHE	NOTRE DAME	DUMOULIN	0	8	8
LA FLECHE	DUMOULIN	PROVENCHER BLVD.	0	11	11
PARC JOSEPH ROYAL	NW CORNER TACHE/PROV		1	33	34
		DUMOULIN/LA			
NORTH TACHE PARK	WEST SIDE TACHE/AUBERT	VERENDRYE	1	46	47
ST BONIFACE PARKWAY	WEST SIDE TACHE		3	62	65
ORANGE PARK	SW CORNER ST JOSEPH	NOTRE DAME	2	11	13
	E SIDE ST				
WHITTIER PARK	JOSEPH/MESSAGER	DARVEAU	0	19	19
NOTRE DAME EAST PARK	NORTH OF NADEAU	NOTRE DAME	12	12	24
SEINE RIVER GREENWAY	NW CORNER NADEAU	PROVENCHER BLVD.	0	11	11
ARCHIBALD TOT LOT	NW CORNER ARCHIBALD	PROVENCHER BLVD.	11	13	24
			<i>Total</i>		1113

E9.3 Section C "Central St. Boniface" Neighbourhood Area

STREET NAME	From	To	Elm	Other	TTL
Aulneau Street	Dollard Boulevard	Despins Street	20	12	32
Aulneau Street	Despins Street	Hamel Avenue	4	3	7
Aulneau Street	Hamel Avenue	Avenue de la Cathedrale	8	6	14
Aulneau Street	Avenue de la Cathedrale	Masson Street	12	11	23
Avenue de la Cathedrale	Tache Avenue	Aulneau Street	13	0	13
Avenue de la Cathedrale	Aulneau Street	Langevin Street	1	1	2
Avenue de la Cathedrale	Langevin Street	Ritchot Street	1	2	3
Avenue de la Cathedrale	Ritchot Street	St. Jean Baptiste Street	4	0	4
Avenue de la Cathedrale	St. Jean Baptiste Street	De la Morenie Street	5	3	8
Bertrand Street	Thomas Berry Street	Kenny Street	0	10	10
Bertrand Street	Kenny Street	Traverse Avenue	3	4	7
Bertrand Street	Traverse Street	St. Jean Baptiste Street	2	10	12
Bertrand Street	St. Jean Baptiste Street	De la Morenie Street	1	0	1
Bertrand Street	Des Meurons Street	Youville Street	0	5	5
Bertrand Street	Youville Street	To East end of street	0	2	2
Bourgeault Street	Desautels Street	Deschambault Street	6	14	20
Braemar Avenue	Goulet Street	Marion Street	0	2	2
Cabana Place (362-422)	Des Meurons Street	To East end of street	1	20	21
De la Morenie Street	Bertrand Street	Yelle Street	18	10	28
De la Morenie Street	Yelle Street	Hamel Avenue	23	25	48
De la Morenie Street	Hamel Avenue	Avenue de la Cathedrale	24	25	49
Des Meurons Street	Avenue de la Cathedrale	Desautels Street	1	0	1
Desautels Street	Des Meurons Street	Bourgeault Street	7	3	10
Deschambault Street	Bourgeault Street	To East end of street	2	16	18
Despins Street	Tache Avenue	Rue Valade	8	0	8
Despins Street	Rue Valade	Jeanne D'Arc Street	3	0	3
Despins Street	Jeanne D'Arc Street	Louis Riel Street	0	0	0
Despins Street	Louis Riel Street	Aulneau Street	0	2	2
Dollard Boulevard	St. Jean Baptiste Street	Ritchot Street	1	9	10
Dollard Boulevard	Ritchot Street	Langevin Street	0	15	15
Dollard Boulevard	Langevin Street	Traverse Avenue	0	4	4
Dollard Boulevard	Traverse Street	Aulneau Street	6	6	12
Dollard Boulevard	Aulneau Street	Louis Riel Street	5	11	16
Dollard Boulevard	Louis Riel Street	Jeanne D'Arc Street	4	10	14
Dollard Boulevard	Jeanne D'Arc Street	Valade Street	11	8	19
Dollard Boulevard	Valade Street	Tache Avenue	11	2	13
Enfield Crescent	Goulet Street	Marion Street	3	1	4
Gaboury Place	Des Meurons Street	To E. End of Street	0	8	8
Goulet Street	Enfield Crescent	Braemar Street	0	7	7
Goulet Street	Braemar Street	Traverse Avenue	0	7	7
Goulet Street	Traverse Avenue	Kenny Street	0	7	7
Goulet Street	Kenny Street	Tache Avenue	0	18	18
Goulet Street	Youville Street	To E. End of Street at river	8	28	36
Hamel Avenue	Aulneau Street	Langevin Street	2	3	5
Hamel Avenue	Langevin Street	Ritchot Street	1	2	3
Hamel Avenue	Ritchot Street	St. Jean Baptiste Street	0	5	5
Hamel Avenue	St. Jean Baptiste Street	De la Morenie Street	2	5	7
Hamel Avenue	De la Morenie Street	Des Meurons Street	2	0	2
Jeanne D'Arc Street	Dollard Boulevard	Despins Street	41	16	57
Langevin Street	Dollard Boulevard	Hamel Avenue	1	41	42
Langevin Street	Hamel Avenue	Avenue de la Cathedrale	13	21	34
LaVerendrye Park	b/w Dollard Blvd. & Despins	East side of Tache Ave.	101	63	164
Louis Riel Street	Despins Street	Dollard Boulevard	26	18	44
Masson Street	Tache Avenue	Aulneau Street	30	26	56
Masson Street	Aulneau Street	Langevin Street	2	1	3

Optimist Club Park	E. End of Thomas Berry St.		2	14	16
Provencher Park	South of Provencher b/w	St. Jean Baptiste & Langevin	28	122	150
Ritchot Street	Avenue de la Cathedrale	Hamel Avenue	7	29	36
Ritchot Street	Hamel Avenue	Dollard Boulevard	1	36	37
Ritchot Street	Dollard Boulevard	Bertrand Street	1	1	2
Rue Valade	Despins Street	Dollard Boulevard	36	18	54
St. Jean Baptiste Street	Provencher Boulevard	Avenue de la Cathedrale	1	11	12
St. Jean Baptiste Street	Hamel Avenue	Yelle Street	5	23	28
St. Jean Baptiste Street	Yelle Street	Bertrand Street	1	8	9
Tache Avenue	Goulet Street	Dollard Boulevard	0	4	4
Thomas Berry Street	Traverse Avenue	Optimist Club Park	1	5	6
Traverse Avenue	Marion Street	Goulet Street	0	2	2
Yelle Street	Des Meurons Street	De la Morenie Street	0	4	4
Yelle Street	De la Morenie Street	St. Jean Baptiste Street	0	9	9
Youville Street	North end of Youville	Georges Forest Place	0	4	4
Youville Street	Georges Forest Place	Bertrand Street	1	4	5
Youville Street	Bertrand Street	Goulet Street	1	13	14
			<i>Total</i>		1357

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E9.4 Section D "Crestview" Neighbourhood Area

STREET NAME	From	To	Elm	Other	TTL
ASHERN RD	CAVALIER DR	DELORAINE DR	26	15	41
ASHERN RD	DELORAINE DR	LUMSDEN AVE	8	1	9
ASSINIBOIA WEST REC. ASSOC. - MORGAN (CC)			53	0	53
ASSINIBOIA WEST REC. ASSOC. - ST.CHARLES (CC)			0	1	1
ASSINIBOINE WEST RECREATION ASSOCIATION - LAKEWOOD SITE			0	35	35
BANCROFT BAY	CAVALIER DR	CAVALIER DR	1	27	28
BELLAVISTA CRES	VOYAGEUR AVE	ROGAN DR	11	2	13
BELLAVISTA CRES	ROGAN DR	ROGAN DR	25	8	33
BISSETT CRES	VOYAGEUR AVE	CAVALIER DR	23	6	29
BUCHANAN BLVD	PORTAGE AVE	LIVINIA AVE	3	30	33
BUCHANAN BLVD	LIVINIA AVE	FAIRLANE AVE	4	23	27
BUCHANAN BLVD	FAIRLANE AVE	NESS AVE	1	36	37
BUCHANAN BLVD	NESS AVE	HAMILTON DR	0	16	16
BUCHANAN BLVD	HAMILTON AVE	RISBEY CRES	0	4	4
BUCHANAN BLVD	RISBEY CRES	PELTIER AVE	0	8	8
BUCHANAN BLVD	PELTIER AVE	LUMSDEN AVE	1	26	27
BUCHANAN BLVD	LUMSDEN AVE	RISBEY CRES	0	29	29
BUCHANAN BLVD	RISBEY CRES	SASKATCHEWAN AVE	0	1	1
BUFFIE BAY	GOSWELL RD	GOSWELL RD	3	46	49
CARBERRY CRES	CRESTVIEW PARK DR	CRESTVIEW PARK DR	30	16	46
CARSON BAY	MORGAN CRES	DORAN BAY	4	0	4
CARSON BAY	CARSON BAY	CARSON BAY	41	9	50
CAVALIER DR	SASKATCHEWAN AVE	DELORAINE DR	0	3	3
CAVALIER DR	DELORAINE DR	ASHERN RD	0	11	11
CAVALIER DR	ASHERN RD	BISSETT CR	0	19	19
CAVALIER DR	BISSETT CR	LUMSDEN AVE	0	17	17
CAVALIER DR	LUMSDEN AVE	VOYAGEUR AVE	0	7	7
CAVALIER DR	VOYAGEUR AVE	MOCCASIN BAY HOLLINGSWORTH AVE	0	5	5
CAVALIER DR	MOCCASIN BAY	AVE	0	4	4
CAVALIER DR	HOLLINGSWORTH AVE	HEDGES BAY	0	3	3
CAVALIER DR	HEDGES BAY	HAMILTON DR	0	3	3
CAVALIER DR	HILLARY CRES	BANCROFT BAY	12	1	13
CAVALIER DR	BANCROFT BAY	NESS AVE	12	4	16
CAVALIER DR	NESS AVE	MORGAN CRES	14	11	25
CAVALIER DR	MORGAN CRES	FAIRLANE AVE	2	1	3
CAVALIER DR	FAIRLANE AVE	PORTAGE AVE	3	3	6
CHAPMAN RD	SOUTH LAKE DR	SOUTH LAKE DR	2	4	6
CORBETT DR	CHAPMAN RD	GOWLER RD	0	5	5
CORBETT DR	GOWLER RD	COSTELLO DR	0	42	42
CORBETT DR	COSTELLO DR	GOSWELL RD	3	19	22
CORBETT PARK			0	3	3
COSTELLO DR	CORBETT DR	GOSWELL RD	5	0	5
COSTELLO DR	GOSWELL RD	GOWLER RD	5	4	9
COSTELLO DR	GOWLER RD	CHAPMAN RD	4	55	59
COSTELLO PARK			5	29	34
CRESTVIEW PARK DR	HAMILTON AVE	LEISURE BAY	2	1	3
CRESTVIEW PARK DR	LEISURE BAY	LEISURE BAY	7	1	8
CRESTVIEW PARK DR	LEISURE BAY	INCH BAY	8	1	9
CRESTVIEW PARK DR	INCH BAY	INCH BAY	9	1	10
CRESTVIEW PARK DR	INCH BAY	VOYAGEUR AVE	6	0	6
CRESTVIEW PARK DR	VOYAGEUR AVE	INWOOD CRES	8	4	12

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CRESTVIEW PARK DR	INWOOD CRES	CARBERRY CRES	14	0	14
CRESTVIEW PARK DR	CARBERRY CRES	INWOOD CRES	3	1	4
CRESTVIEW PARK DR	INWOOD CRES	MAKINAK BAY	8	3	11
CRESTVIEW PARK DR	MAKINAK BAY	CARBERRY CRES	17	1	18
CRESTVIEW PARK DR	CARBERRY CRES	CAVALIER DR	6	0	6
DANBURY BAY	CAVALIER DR	CAVALIER DR	51	15	66
DEERHORN LANE	VOYAGEUR AVE	SANDYLANDS PL	3	12	15
DELORAIN DR	CAVALIER DR	ASHERN RD	36	20	56
DORAN BAY	MORGAN CRES	DORAN BAY	3	2	5
DORAN BAY	DORAN BAY	DORAN BAY	51	25	76
FAIRLANE AVE	CAVALIER DR	RIDLEY ST	16	2	18
FAIRLANE AVE	RIDLEY ST	FREEMONT BAY	19	6	25
FAIRLANE AVE	FREEMONT BAY	DAVID ST	7	1	8
FAIRLANE AVE	DAVID ST	GOSWELL RD	0	4	4
FAIRLANE AVE	GOSWELL RD	KNOX ST	0	22	22
FREEMONT BAY	FAIRLANE AVE	FREEMONT BAY	0	3	3
FREEMONT BAY	FREEMONT BAY	FREEMONT BAY	1	40	41
GALBRAITH CRES	KAY CRES	LUMSDEN AVE	11	29	40
GERROND BAY	CAVALIER DR	CAVALIER DR	0	36	36
GIBRALTER BAY	NORMANDY DR	NORMANDY DR	12	12	24
GIBRALTER PLAYGROUND			20	6	26
GOSWELL RD	COSTELLO DR	BUFFIE BAY	0	6	6
GOSWELL RD	BUFFIE BAY	CORBETT DR	0	11	11
GOSWELL RD	CORBETT DR	FAIRLANE AVE	0	7	7
GOWLER RD	CORBETT DR	MACKIE BAY	3	10	13
GOWLER RD	MACKIE BAY	MACKIE BAY	3	13	16
GOWLER RD	MACKIE BAY	COSTELLO DR	2	7	9
HAMILTON AVE	WHARTON BLVD	VIMY RD	5	0	5
HAMILTON AVE	VIMY RD	PARKHILL ST	8	0	8
HAMILTON AVE	PARKHILL ST	PARDALE ST	5	2	7
HAMILTON AVE	PARKDALE ST	ROGAN DR	7	2	9
HAMILTON AVE	ROGAN DR	CAVALIER DR	12	7	19
HAMILTON AVE	CAVALIER DR	CHAPMAN RD	17	8	25
HAMILTON AVE	CHAPMAN RD	REDFERN RD	5	10	15
HAMILTON AVE	REDFERN RD	KNOX ST	7	2	9
HAMILTON AVE	KNOX ST	BUCHANAN BLVD	3	0	3
HARVLONG AVE	LAKE RIDGE RD	NEMY CRES	0	1	1
HARVLONG AVE	NEMY CRES	TOPAZ RD	0	1	1
HARVLONG TOPAZ PLAYGROUND			0	13	13
HEDGES BAY	HOLLINGSWORTH AVE	CAVALIER DR	3	27	30
HIGHCLIFF BAY	MORGAN CRES	HIGHCLIFF BAY	5	3	8
HIGHCLIFF BAY	HIGHCLIFF BAY	HIGHCLIFF BAY	48	8	56
HILLARY BAY	HILLARY CRES	HILLARY CRES	2	7	9
HILLARY CRES	CAVALIER DR	HILLARY BAY	3	0	3
HILLARY CRES	HILLARY BAY	HILLARY BAY	2	12	14
HILLARY CRES	HILLARY BAY	MURIEL ST	4	4	8
HILLARY CRES	MURIEL ST	MURIEL ST	5	22	27
HOLLINGSWORTH AVE	NORMANDY DR	NORMANDY DR	0	5	5
HOLLINGSWORTH AVE	NORMANDY DR	HEDGES BAY	2	5	7
HOLLINGSWORTH AVE	HEDGES BAY	CAVALIER DR	1	16	17
INCH BAY	CRESTVIEW PARK DR	CRESTVIEW PARK DR	35	8	43
INWOOD CRES	CRESTVIEW PARK DR	CRESTVIEW PARK DR	32	8	40
KAY CRES	REDFERN RD	END OF STREET	0	12	12
KAY CRES	REDFERN RD	SOUTH LAKE DR	21	6	27
KAY CRES	SOUTH LAKE DR	NORTH LAKE DR	5	3	8
KAY CRES	NORTH LAKE DR	GALBRAITH CRES	1	1	2

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KAY CRES	GALBRAITH CRES	NORTH LAKE DR	3	4	7
KAY CRES	NORTH LAKE DR	LUMSDEN AVE	3	3	6
KNOX ST	PORTAGE AVE	LIVINIA AVE	6	16	22
KNOX ST	LIVINIA AVE	FAIRLANE AVE	2	25	27
KNOX ST	NESS AVE	HAMILTON DR	0	16	16
LAKE RIDGE PARK			2	15	17
LAKE RIDGE RD	LUMSDEN AVE	HARVLONG AVE	1	118	119
LAKE RIDGE RD	HARVLONG AVE	LUMSDEN AVE	0	4	4
LAKE RIDGE RD	LUMSDEN AVE	HARVLONG AVE	0	119	119
LAKE RIDGE RD	HARVLONG AVE	LUMSDEN AVE	0	4	4
LEISURE BAY	CRESTVIEW PARK DR	CRESTVIEW PARK DR	31	6	37
LIVINIA AVE	BUCHANAN BLVD	KNOX ST	3	4	7
LUMSDEN AVE	RISBEY CRES	GALBRAITH CRES	0	5	5
LUMSDEN AVE	GALBRAITH CRES	KAY CRES	0	11	11
LUMSDEN AVE	KAY CRES	LAKE RIDGE RD	17	1	18
LUMSDEN AVE	LAKE RIDGE RD	NORMANDY DR	6	1	7
LUMSDEN AVE	NORMANDY DR	ASHERN RD	5	5	10
LUMSDEN AVE	ASHERN RD	CAVALIER DR	7	2	9
LUMSDEN POND			0	15	15
MACKIE BAY	GOWLER RD	GOWLER RD	32	2	34
MAKINAK BAY	CRESTVIEW PARK DR	CRESTVIEW PARK DR	4	33	37
MOCCASIN BAY	CAVALIER DR	VOYAGEUR AVE	2	24	26
MORGAN CRES	CAVALIER DR	HIGHCLIFF BAY	13	4	17
MORGAN CRES	HIGHCLIFF BAY	DORAN BAY	16	13	29
MORGAN CRES	DORAN BAY	CARSON BAY	25	1	26
MORGAN CRES	CARSON BAY	CAVALIER DR	9	3	12
MURIEL - SAGE PARK (836 MURIEL ST)			16	26	42
MURIEL ST	HILLARY CRES	HILLARY CRES	0	12	12
MURIEL ST	HILLARY CRES	SAGE CRES	0	2	2
NEMY CRES	TOPAZ RD	TOPAZ RD	0	33	33
NEMY CRES	TOPAZ RD	HARVLONG AVE	32	14	46
NESS AVE	CAVALIER DR	W OF MURIEL ST	0	17	17
NORMANDY DR	LUMSDEN AVE	GIBRALTER BAY	5	2	7
NORMANDY DR	GIBRALTER BAY	GIBRALTER BAY	5	3	8
NORMANDY DR	GIBRALTER BAY	HOLLINGSWORTH AVE	5	1	6
NORMANDY DR	HOLLINGSWORTH AVE	HOLLINGSWORTH AVE	23	8	31
NORTH LAKE DR	KAY CRES	KAY CRES	18	10	28
RADAR PL	BELLAVISTA CRES	VOYAGEUR AVE	6	1	7
REDFERN RD	HAMILTON AVE	KAY CRES	0	1	1
RIDLEY PL	RIDLEY ST	RIDLEY ST	2	22	24
RIDLEY PL	RIDLEY ST	RIDLEY ST	0	21	21
RIDLEY PLACE PARK			5	11	16
RIDLEY ST	FAIRLANE AVE	RIDLEY PL	0	4	4
RIDLEY ST	RIDLEY PL	RIDLEY PL	0	11	11
RISBEY CRES	BUCHANAN BLVD	PELTIER AVE	0	4	4
RISBEY CRES	PELTIER AVE	LUMSDEN AVE	0	8	8
RISBEY CRES	LUMSDEN AVE	BUCHANAN BLVD	0	39	39
ROGAN DR	HAMILTON AVE	BELLAVISTA CRES	4	1	5
ROGAN DR	BELLAVISTA CRES	RADAR PL	12	3	15
ROGAN DR	RADAR PL	BELLAVISTA CRES	14	1	15
ROGAN PARK			11	19	30
SABINE CRES	TOPAZ RD	LUMSDEN AVE	1	21	22
SANDYLANDS PL	VOYAGEUR AVE	DEERHORN LANE	0	3	3

SANDYLANDS PL	DEERHORN LANE	DEERHORN LANE	6	2	8
SASKATCHEWAN AVE. BUFFER					
BUCHANAN BLVD TO SUMMIT RD			15	20	35
SASKATCHEWAN AVE. BUFFER					
CAVALIER TO STURGEON CREEK PK			2	0	2
SASKATCHEWAN AVE. BUFFER					
SUMMIT RD TO CAVALIER DR			0	85	85
SOUTH LAKE DR	CHAPMAN RD	CHAPMAN RD	18	3	21
SOUTH LAKE DR	CHAPMAN RD	KAY CRES	3	2	5
SOUTH LAKE PARK			2	4	6
STURGEON CREEK GREENWAY			26	21	47
TOPAZ RD	HARVLONG AVE	SABINE CRES	1	2	3
TOPAZ RD	SABINE CRES	NEMY CRES	6	10	16
TOPAZ RD	NEMY CRES	NEMY CRES	3	7	10
VIMY ARENA			2	28	30
VOYAGEUR AVE	CAVALIER DR	BISSETT CR	3	5	8
VOYAGEUR AVE	BISSETT CR	MOCCASIN BAY	4	5	9
		BELLAVISTA			
VOYAGEUR AVE	MOCCASIN BAY	CRES	6	2	8
VOYAGEUR AVE	BELLAVISTA CRES	SANDYLANDS PL	9	2	11
VOYAGEUR AVE	SANDYLANDS PL	RADAR PL	5	2	7
VOYAGEUR AVE	RADAR PL	DEERHORN LANE	12	3	15
		CRESTVIEW			
VOYAGEUR AVE	DEERHORN LANE	PARK DR	6	2	8
VOYAGEUR PARK			2	22	24
					3408

E9.5 Section E “Kildonan Park”

- (a) Approximately 2825 trees in non-pruned areas of the park including, but not limited to, trees within natural areas and associated pathways.